

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ingemar J. Cox, et al. Art Unit: Unassigned

Serial No.: 09/294,956

Docket: 12558

Filed: April 20, 1999

Dated: September 22, 1999

For: METHOD AND DEVICE FOR INSERTING  
AND AUTHENTICATING A DIGITAL  
SIGNATURE IN DIGITAL DATA

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following reference, which is also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. U.S. Patent No. 5,875,249, dated February 23, 1999, issued to Mintzer, et al.;
2. U.S. Patent No. 5,862,217, dated January 19, 1999, issued to Steinberg, et al.;
3. U.S. Patent No. 5,862,218, dated January 19, 1999, issued to Steinberg;

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231 on September 22, 1999.

Dated: September 22, 1999

Mishelle Spina

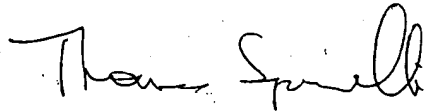
4. U.S. Patent No. 5,841,886, dated November 24, 1998, issued to Rhoads;
5. U.S. Patent No. 5,646,997, dated July 8, 1997, issued to Barton;
6. U.S. Patent No. 5,499,294, dated March 12, 1996, issued to Friedman;
7. Friedman, The Trustworthy Digital Camera, Restoring Credibility To The Photographic Image, IEEE Transactions on Consumer Electronics, Vol. 39, No. 4, pp. 905-910, November 1993;
8. Hsu, et al., Hidden Signatures In Images, Proceedings of the 1996 IEEE International Conference In Image Processing, ICIP '96, Vol. 3, pp. 223-226, 1996;
9. Kundur, et al., Towards a Telltale Watermarking Technique for Tamper Proofing;
10. Lin, et al., An Image Authenticator Surviving DCT-Based Variable Quantization Table Compressions;
11. Lin, et al., A Watermark-Based Robust Image Authentication Method Using Wavelets, Advent Report, Columbia, University, April, 1998;
12. Lin, et al., Generating Robust Digital Signature For Image/Video Authentication, Multimedia and Security Workshop at a ACM Multimedia '98, Bristol, U.K., September 1998;
13. Lin, et al., A Robust Image Authentication Method Surviving JPEG Lossy Compression, SPIE Storage and Retrieval of Image/Video Databases, San Jose, CA, January 1998;
14. Matsui, et al., Video-Stenography: How To Secretly Embed a Signature in a Picture, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1, pp. 187-206, January 1994;
15. Schneider, et al., A Robust Content Based Digital Signature For Image Authentication, 3<sup>rd</sup> IEEE International Conference on Image Processing, Vol. 3, pp. 227-230, 1996;
16. Schyndel, et al., A Digital Watermark, IEEE Conference Publication;

17. Wong, A Public Key Watermark For Image Verification  
and Authentication.

Inasmuch as this Information Disclosure Statement is  
being submitted in accordance with the schedule set out in 37  
C.F.R. §1.97(b), no petition, certification or fee is required.

Consideration of this Information Disclosure Statement  
is respectfully requested.

Respectfully submitted,



Thomas Spinelli  
Registration No. 39,533

Scully, Scott, Murphy & Presser  
400 Garden City Plaza  
Garden City, New York 11530  
(516) 742-4343

TS:cm

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
12558

In Re Application Of: **Ingemar J. Cox, et al.**

Serial No.  
09/294,956

Filing Date  
April 20, 1999

Examiner  
Unassigned

Group Art Unit  
Unassigned

Title: **METHOD AND DEVICE FOR INSERTING AND AUTHENTICATING A DIGITAL SIGNATURE IN DIGITAL DATA**

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
2. a Notice of Allowance under 37 CFR 1.311,

whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

**OR**

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
12558

In Re Application Of: **Ingemar J. Cox, et al.**

Serial No.  
09/294,956

Filing Date  
April 20, 1999

Examiner  
Unassigned

Group Art Unit  
Unassigned

Title: **METHOD AND DEVICE FOR INSERTING AND AUTHENTICATING A DIGITAL SIGNATURE IN DIGITAL DATA**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 19-1013/SSMP as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

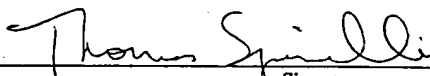
**Certificate of Transmission by Facsimile\***

|   |  |
|---|--|
| I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____) on _____ (Date) |  |
| _____<br>Signature  |  |
| _____<br>Typed or Printed Name of Person Signing Certificate  |  |

**Certificate of Mailing by First Class Mail**

|   |  |
|---|--|
| I certify that this document and fee is being deposited on 9/22/99 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. |  |
| _____<br>Signature of Person Mailing Correspondence   |  |
| Mishelle Spina<br>Typed or Printed Name of Person Mailing Correspondence  |  |

\*This certificate may only be used if paying by deposit account.

  
\_\_\_\_\_  
Signature

Thomas Spinelli  
Registration No. 39,533

Scully, Scott, Murphy & Presser  
400 Garden City Plaza  
Garden City, New York 11530  
(516) 742-4343

Dated: September 22, 1999

CC:

PATENT OFFICE DATE STAMP ACKNOWLEDGES RECEIPT OF:

1. Information Disclosure Statement W/PTO-1449 Form & 16 References
2. Transmittal in Dupl.
3. Certificate of Mailing

Applicant: Ingemar J. Cox, et al.

Serial No.: 09/294,956

For: METHOD AND DEVICE FOR INSERTING AND AUTHENTICATING  
A DIGITAL SIGNATURE IN DIGITAL DATA

Filed: April 20, 1999

Docket: 12558

Dated: September 22, 1999

TS:cm

